

CONTRACT DATA REQUIREMENTS LIST										Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.											
A. CONTRACT LINE ITEM NO.			B. EXHIBIT			C. CATEGORY: TOP TM OTHER X					
D. SYSTEM/ITEM TF 39 Engine/5365-00-114-0345NY				E. CONTRACT/PR NO.				F. CONTRACTOR			
1. DATA ITEM NO. 0001		2. TITLE OF DATA ITEM First Article Test Plan (FATP)				3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.)				5. CONTRACT REFERENCE				6. REQUIRING OFFICE OC-ALC/LPERA			
7. DD 250 REQ		9. DIST STATEMENT REQUIRED		10. FREQUENCY 1		12. DATE OF FIRST SUBMISSION		14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE		13. DATE OF SUBSEQUENT SUBMISSION		a. ADDRESSEE		b. COPIES			
16. REMARKS Send First Article Test Plan to: OC-ALC/ENRS, Attn: First Article Monitor, 3001 Staff Drive, Ste T69 Tinker AFB, OK 73145								Draft		Final Reg Repro	
								OC-ALC/ENRS		1	
								15. TOTAL →		1	
1. DATA ITEM NO. 0002		2. TITLE OF DATA ITEM First Article Test Report (FATR)				3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.)				5. CONTRACT REFERENCE				6. REQUIRING OFFICE			
7. DD 250 REQ		9. DIST STATEMENT REQUIRED		10. FREQUENCY 1		12. DATE OF FIRST SUBMISSION		14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE		13. DATE OF SUBSEQUENT SUBMISSION		a. ADDRESSEE		b. COPIES			
16. REMARKS Send First Article Test Report to: OC-ALC/ENRS, Attn: First Article Monitor, 3001 Staff Drive, Ste T69 Tinker AFB, OK 73145								Draft		Final Reg Repro	
								OC-ALC/ENRS		1	
								15. TOTAL →		1	
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15. REMARKS								Draft		Final Reg Repro	
								15. TOTAL →			
G. PREPARED BY Kyle Streetman, TF39 Engineer				H. DATE 21 Nov 03		I. APPROVED BY				J. DATE	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

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FIRST ARTICLE REQUIREMENTS <i>(AFMCI 64-110, AFMCI 23-102 and FAR Part 9, Sub Part 9.3) (Additional Instructions on Page 3)</i>			1. DATE 21 Oct 03
2. P/R/MIPR NUMBER	3. PART NUMBER 9607M36P02	4. NSN 5365-00-114-0345NY	
5. FIRST ARTICLE QUANTITY THE FIRST ARTICLE IS <u>3</u> UNIT(S) OF LOT/ITEM _____ AND WILL BE: <input checked="" type="checkbox"/> PART OF PRODUCTION QUANTITY <input type="checkbox"/> IN ADDITION TO PRODUCTION QUANTITY			
6. ARTICLES <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT SERVE AS A MANUFACTURING STANDARD	7. LONG LEAD TIME ITEMS <input type="checkbox"/> REQUIRED <input checked="" type="checkbox"/> NOT REQUIRED <i>(See FAR 52.209-3 or -4, alternate II)</i>		
8. SPECIAL REQUIREMENT/PRODUCTION FACILITIES <i>(See FAR 52.209-3 or -4 Alternate I)</i> <input checked="" type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED "The First Article offered must be manufactured at the facilities in which that item is to be produced under the contract, or if the First Article is a component not manufactured by the contractor, such component must be manufactured at the facilities in which the component is to be produced for the contract. A certification to this effect must accompany each First Article which is offered."			
9. TEST/INSPECTION REQUIREMENTS A. <input checked="" type="checkbox"/> CONTRACTOR TESTING <input type="checkbox"/> GOVERNMENT TESTING Performance or other characteristics which the First Articles must meet are <u>drawing #9607M36 and all specifications on the drawing</u> B. The detailed technical requirements for First Article approval tests are contained in <u>Verifiable dimensions on the drawings and applicable engineering notes</u> <i>(Cite Spec and Para number)</i> C. <input checked="" type="checkbox"/> TEST PLAN REQUIRED (1) DD Form 1423 ELIN _____ (2) Delivery due <u>45</u> calendar days from date of contract. (3) Number of days for government approval/disapproval <u>45</u> days. D. Contractor's notification to ACO and _____ <i>(Requesting Activity)</i> of test time and location due _____ ys prior to start of testing. E. <input checked="" type="checkbox"/> TEST REPORT REQUIRED (1) DD Form 1423 ELIN _____ (2) Due <u>120</u> calendar days from date of contract. (3) Forwarded to <u>OC-ALC/ENRS, Attn: F.A. Monitor,</u> <u>3001 Staff Dr, STE T-69, Tinker AFB, OK 73145</u> (4) Government written notice of approval/disapproval due <u>45</u> days after receipt of contractor's report.		F. FIRST ARTICLE DELIVERY: (1) Due within _____ calendar days from date contract. (2) Notify _____ calendar days prior to shipment. (3) Delivered to government at _____ _____ <i>(Set Forth Consignee and Address)</i> (4) Government written notice of approval/disapproval within _____ days after receipt of first article package. G. Estimated cost of government testing/inspection evaluation. \$ _____	
10. DISPOSITION OF FIRST ARTICLES <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input checked="" type="checkbox"/> Approved First Articles will be forwarded to <u>USAF SUPPLY</u> <input type="checkbox"/> _____ (ert quantity). first articles will be expended in testing. Residual components of disapproved first articles <input type="checkbox"/> will be returned to the contractor/ <input type="checkbox"/> will be retained by _____ pending disposition instructions from the contractor. <input type="checkbox"/> First articles will be installed on aircraft/equipment to determine proper fit/function. Approved article will remain on the aircraft/equipment and will not be forwarded to USAF Supply, but will be considered part of the contract quantity. </div> <div style="width: 48%;"> <input type="checkbox"/> Disapproved first articles will be returned to the contractor/ <input type="checkbox"/> will be retained by _____ pending disposition instructions from the contractor <input type="checkbox"/> On purchase requests designated as direct shipments the following disposition will apply. (NOTE: Always applicable on Foreign Military Sales (FMS)). a. Approved first articles will be returned to the contractor for shipment with production item. b. Disposition of disapproved first articles will remain the same as marked above. <input type="checkbox"/> Other Disposition: _____ </div> </div>			

11. CONDITION(S) FOR WAIVER OF FIRST ARTICLE APPROVAL

- a. ☒ Offerors who have previously furnished production quantities of the same or similar article to the prime contractor for delivery to the _____ Government, ☒ DoD, ☒ Air Force.
- b. ☒ Offerors currently in production of the same or similar article for a _____ Government ☒ DoD, ☒ ~~air force~~ and who have received First Article approval under the existing contract.
- c. ☒ Offerors who have previously furnished production quantities of the same or similar articles for a _____ Government, ☒ DoD, ☒ Air Force provided articles thus furnished have exhibited satisfactory performance in service, in the opinion of the Air Force.
- d. ☒ Provided not more than 36 months have elapsed since completion of the contract.
- e. ☐ First Article testing will not be waived.
- f. ☒ See Remarks in block 12 below.

NOTE TO BUYER: UNDER CONDITIONS A AND C ABOVE, THE COGNIZANT ENGINEERING ACTIVITY WILL DECIDE WHETHER OR NOT THE ITEM HAS EXHIBITED SATISFACTORY PERFORMANCE IN SERVICE AND PREPARE AND RETAIN SUPPORTING DOCUMENTATION TO FULLY JUSTIFY THIS DECISION. THE BUYER MUST SOLICIT DUAL PRICES (*That is, both with and without requirement for first article approval*) AND MUST FURNISH THE COGNIZANT ENGINEERING ACTIVITY WITH THE FOLLOWING INFORMATION ON THE PREVIOUSLY SUPPLIED ARTICLE:

A. PROCURING OFFICE B. CONTRACT NUMBER C. DATE OF CONTRACT D. SPECIFICATION NUMBER AND REVISION

12. REMARKS

Send Contractor Reports to:
OC-ALC/ENRS
Attn: FIRST ARTICLE MONITER
3001 STAFF DRIVE, STE T-69
TINKER AFB, OK 73145-3036

Block 11(f) - All requests for waiver of First Article testing shall be forwarded to the cognizant engineering authority (OC-ALC/LPERA) for approval. First Article testing will be waived if the contractor is the OEM (general Electric Aircraft Engine Co.)

Justification for First Article: The First Article is required to verify that the contractor is capable of meeting all of the contract requirements for acceptance. In addition, FAR 9.3 applies.

FAI JUSTIFICATION

THIS ITEM IS CRITICAL TO THE SAFE OPERATION AND USE OF THE END ITEM. THE ENGINEERING DATA (BLUEPRINTS, ENGINEERING INSTRUCTIONS, ETC) CONTAINS CLOSE TOLERANCES AND COMPLEX PROCESSES AND/OR OPERATIONS WHICH REQUIRE VERIFICATION OF A CONTRACTOR'S ABILITY TO PRODUCE THIS ITEM. CONDITIONS OF FIRST ARTICLE WAIVER ARE AS OUTLINED IN BLOCK 11 ABOVE.

13. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR CONDUCTING AND/OR APPROVING TEST (Name, Organization, Phone)
Kyle Streetman
OC-ALC/LPERA DSN:884-4689

14. PR INITIATOR (Name, Organization, Phone)

TECHNICAL DATA PACKAGE - ENGINEERING NOTES (ENs)

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NATIONAL STOCK NUMBER
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PART NUMBER
9607M36P02

1 WHEN CHECKED BELOW OR LISTED IN THESE NOTES, DEFINITIONS APPLICABLE TO THIS PRODUCT ARE OR HAVE:

(A) **ENGINEERING CRITICAL IN APPLICATION:** An item which requires special manufacturing process, controls, and testing of material or end items. Because of its use or application, failure to maintain the highest reliability of such an item could be catastrophic resulting in loss of life or serious injury, loss of a weapon system or extensive secondary damage, with direct impact on the capability to respond to a national emergency or to achieve wartime sustainability.


(B) **COMPLEX:** Items having quality characteristics not wholly visible (hidden characteristics), in the end product for which contractual conformance must be established progressively through precise measurements, tests or controls applied during purchasing, manufacturing, performance, assembly and functional operation either as an individual item or in conjunction with other items [FAR SUBPART 46.203(b)].

(c) **COMMERCIAL:** Described in commercial catalogs, drawings or industrial standards [FAR SUBPART 46.203(a), (1)].

(D) **CRITICAL CHARACTERISTICS:** Characteristics which, when defective, are likely to result in hazardous or unsafe conditions for individuals using, maintaining or depending upon the product; or, are likely to prevent performance of the tactical function of a major end item such as an aircraft, missile, space vehicle, engine or a major part thereof. (Derived from MIL-STD-105).

(E) **MAJOR CHARACTERISTICS:** Characteristics (other than critical or minor), which, when defective, are likely to result in failure or to reduce the usability of the product or a major end item for its intended purpose. (Derived from MIL-STD-105).

(F) **MINOR CHARACTERISTICS:** All characteristics not designated as critical or major but for which full conformity is required.

THIS PRODUCT HAS BEEN DETERMINED TO BE OR CONTAINS (AS CHECKED BELOW): 

- ☐ Engineering critical in application.
- ☐ Critical characteristics.
- ☐ Major characteristics.
- ☒ Minor characteristics, all excepting critical and major.
- ☐ Complex.
- ☐ Available as a commercial product.

TECHNICAL DATA PACKAGE - ENGINEERING NOTES (ENS)		PAGE 2
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1 When materials, processes or components are to be obtained from directed sources as indicated herein or in the specifications, alternate sources may only be utilize upon prior approval by the contracting officer of this procuring activity as a deviation.

2 Bidders are requested to notify the contracting officer in writing as soon as is practicable of any drawing, specification, standard or other required technical data which is of more current date/revision than that shown on the Engineering Data List.

4 Contractor is authorized to the extent specified herein to use standards, specifications, and other required technical data which are of a more current date/revision than those shown on the Engineering Data List. Proposed changes to revision-in-use other than those allowed by this paragraph must be submitted in writing to the contracting officer for approval by the cognizant engineering authority.

a. **VENDOR DRAWINGS, VENDOR MASTER DRAWINGS (MYLARS), AIRFOIL DATA, CONTOUR DATA, AND PERFORMANCE DATA:** (e.g. 1234m56, 658972, AD658972, IC658972, IF-658972) Revisions specified on the ENGINEERING DATA LIST are the revisions to be used for manufacturing. Requests to use later revisions must be submitted for approval in writing to the contracting officer, along with the newer revision document, for approval by the cognizant engineering authority.

b. **VENDOR SPECIFICATIONS, VENDOR STANDARDS, INSPECTION PHOTOGRAPHS:** (e.g. PlTF3, PWA360, EPS14500) The revisions specified on the Engineering Data List form a baseline minimum revision status, and are the most recent revisions the government can provide. No revision before that shown in the Engineering Data List will be used. Revisions later than those specified in the Engineering Data List may be used provided:

1. The contractor notifies the contracting officer in writing of the revision to be used, and
2. The new revision does not and will not affect form, fit, or function of the part, process, or material being manufactured and/or supplied, and
3. Use of the new revision will not increase the cost to the government of compensation for the product being supplied, and
4. The Engineering Notes do not contain a clause specifically excluding the allowances of this paragraph.

c. **INDUSTRY SPECIFICATIONS/STANDARDS, MILITARY SPECIFICATIONS/STANDARDS, QUALIFIED PRODUCT LIST (QPL):** (e.g. AMS 5613, ANSI Y14.5, MIL-STD-130, QPL 25135) The revision to be used will be the revision in effect on the

TECHNICAL DATA PACKAGE - ENGINEERING NOTES (Ens)

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dates of opening of solicitation. Later revisions of these documents are approved for use provided:


1. The new revision does not and will not affect form, fit, or function of the part, processes, or material being manufactured and/or supplied and
2. Use of the new revision will not increase the cost to the government of compensation for the product being supplied.

 Lower tier specifications listed in or referenced by first tier specifications may not be shown on the data lists or engineering notes accompanying this contract but are nonetheless required by this contract for compliance. Exceptions would occur only when such lower tier requirements have been specifically waived or substitute specifications/requirements are designated herein.

 Reports, process sheets, inspection methods sheets and all other documents required by specifications imposed by this contract for contractor compliance which were previously required to be submitted to a prime design contractor shall be held at that facility for review by government personnel.

 When prime design source specifications require or provide for participation by that prime source quality, manufacturing, laboratory or engineering support services, these requirements or provisions do not apply when the contract was issued by this procuring activity. For these services or direction pertaining thereto, contact the cognizant government contract administration office or this procuring activity for assistance.

 The contractor is responsible for assuring that all dimensions, conditions, tests and test results identified in these engineering notes, applicable drawings, specifications and contract quality requirements are met by themselves and their suppliers. This requirement applies to all characteristics whether those characteristics have been specifically designed as being critical, major or are those minor characteristics not specifically designated as such.

 Prior to beginning of manufacture, the contractor will notify the engineering office of this procuring activity of all manufacturing processes and processing procedures intended for use in production of this product. Once these processes are established, no changes shall be made without prior approval of the engineering office of this procuring activity.

____ Serialization of each part/assembly (contract end item) is required.

QUALIFICATION REQUIREMENTS FOR PROPULSION CRITICAL APPLICATION ITEMS

1. **APPLICATION:** These requirements apply to all critical application items with the exception of those classified as flight safety critical parts, critical safety items, flight safety parts, fracture critical parts, or durability critical parts.

2. PURPOSE:

2.1 This document establishes the minimum requirements, which prospective offerors must satisfy in order to obtain pre-award engineering source approval for the specified applications.

2.2 Engineering source approval on items is valid for only five years from date of the OC-ALC letter notifying the offeror of engineering source approval. Approved sources, which have not delivered or been contracted by the USAF to deliver the approval item this period shall be required to re-substantiate their capability. Re-substantiation shall involve documenting that no significant changes to process location, sequence, or parameters have occurred, possession of current drawings and specifications, and no significant quality deficiencies are awaiting corrective action. Significant changes or unresolved quality deficiencies may result in additional testing, or revocation of source approval status, depending on the nature and extent of the changes and/or quality deficiencies.

3. DEFINITIONS:

Critical Application Item - An item that is essential to weapon system performance or operation, or the preservation of life or safety of operating personnel, as determined by the Military Services.

Engineering Source Authority - The service engineering authority for technical acquisition support and cognizant engineering activity for the weapon system in which the part is used.

Original Equipment Manufacturer (OEM) - Term typically applied to the source responsible for the original design and development of a product or system. In this case it shall refer to sources primarily responsible for the design and development of an aircraft gas turbine engines, for a US DOD activity or a NATO country, e.g., Pratt & Whitney, General Electric, Rolls Royce, etc.

Production Quantities - Quantities which establish a reasonable level of confidence in a prospective source's ability to consistently produce components whose integrity is equivalent to that exhibited by components which originally passed substantiation testing. As a minimum it shall be considered representative of several production lots or greater quantities commensurate with those specified in current solicitations or OC-ALC annual buy projections and shall be exclusive of quantities produced in experimental or developmental programs.

Critical Process - A process which is capable of producing alterations in the material structure of a component which cannot normally be evaluated without destructive testing and which can compromise the mechanical properties and ultimately the reliability of the component. Processes which are considered to be significant include but are not limited to forging, casting, heat treat, fusion welding, resistance welding, furnace brazing, peening, coating, non-conventional machining (laser machining, electro-discharge machining, electro-chemical machining, chem milling, etc.) grinding titanium alloys, cleaning titanium alloys, and non-destructive inspection.

Non-destructive Inspection - In the context of this document shall refer to inspections performed on vital characteristics which cannot be measured directly without rendering the part unfit for use. These include but are not limited to fluorescent penetrant inspection, radiographic inspection, magnetic particle inspection, ultrasonic inspection, eddy current inspection, and/or holographic inspection.

4. CONTRACTOR RESPONSIBILITY STANDARDS (FAR 9-104):

4.1 General standards as specified in FAR 9-104.1 apply

4.2 Special standards as specified in FAR 9-104.2 apply

4.2.1 The specific special standards to be applied are determined by the conditions which form the basis of the source approval request submitted by the offeror. There are three conditions for submission of source approval requests. These conditions are categorized as follows:

1) Category I offeror - A manufacturing source, which in conjunction with their subvendors, has performed all requisite processes on the same item for the OEM.

2) Category II offeror - A manufacturing source, which in conjunction with their subvendors, has performed all requisite processes on a similar item for an OEM or DOD.

3) Non-manufacturing source - A source offering new manufactured items to be produced by a third party manufacturing source(s) under contract must satisfy the requirements specified herein for non-manufacturing sources. Non-manufacturing sources offering surplus will be evaluated using procedures specified in procedures for handling of surplus. ESA approval of non-manufacturing sources is valid only for instant procurements only. ESA approval shall be obtained for each subsequent procurement on a case by case basis. All non-manufacturing sources must be approved by the ESA prior to contract award, each time a procurement is made for a critical application item.

5. PROOF OF CAPABILITY:

5.1 The Offeror shall submit proof that they, in conjunction with their subvendors, have manufactured production quantities of the same item (Category I offerors) for the OEM, or a similar component for an OEM or the DOD (Category II offerors) within the last three years for components with propulsion system applications. **Note:** Failure to qualify as a Category I or II offeror shall result in disapproval on components with propulsion system applications

6. DOCUMENTATION REQUIREMENTS:

6.1 The documentation specified herein is required to substantiate proof of capability. Failure to provide any of the specified documentation shall be grounds for disapproval of the offeror.

6.2 Categories I and II:

6.2.1 Brochures or synopses of the company's capabilities. Identify if the company seeking approval is a non-manufacturing source or the actual manufacturer.

6.2.2 Identification of all subvendors of major subcomponents and critical processes, previously employed in the production of the same item (Category I Offerors) or "similar

component(s) (Category II offerors) including the specific operations and/or subcomponents provided by each subvendor and their address.

6.2.3 Identification of all subvendors of major subcomponents and critical processes to be employed in the production of the same item and their address. The Offeror shall substantiate that all vendors of critical processes as defined in Section 3 of this document are OEM-approved sources.

6.2.4 The Offeror must provide a Quality Assurance Manual that accurately portrays their current quality assurance system.

6.2.4.1 The Offeror's Quality Assurance System must comply with the requirements as described in this document and Higher level contract Quality Requirements, FAR 52.246-11, ISO 9001-2000, AS 9100, NATO AQAP 2070 or equivalent. Proof of compliance shall be provided and meet one of the following:

6.2.4.1.1 Certified to NATO AQAP 2070, ISO 9001-2000, or AS 9100 by the American National Standards Institute (ANSI) or the International Standards Organization (ISO) in Geneva, Switzerland, or

6.2.4.1.2 Approved by an Original Equipment Manufacturer (OEM) to an equivalent Quality Assurance System standard.

6.2.4.1.3 Evidence from DCMC or other appropriate government Quality Assurance Representative that Quality System is compliant to NATO AQAP 2070, ISO 9001-2000, AS 9100, or equivalent.

Proof of certification/approval must be provided and must be dated within the last three years. The decision to approve or disapprove the Quality Assurance System shall only be made after a thorough review of the Offeror's Quality Assurance Manual by the cognizant engineering authority, OC-ALC/LPER.

6.2.5 The Offeror shall provide evidence that their calibration system is in compliance with ISO 10012-1 and ANSI/NCSL Z540-1, and that calibration standards are traceable to NIST standards.

6.2.6 The Offeror shall provide evidence that the quality assurance system and available expertise which currently exists within the Offeror's facility, is capable of establishing and maintaining effective process control, and otherwise ensuring the ongoing quality of all significant processes performed in-house or by sub vendors toward the manufacture of the item. Evidence shall comply with the following criteria:

6.2.6.1 A copy of the latest document(s) which describe and govern the quality assurance system in effect at the Offeror's facility(ies) (i.e. Company Quality Manual).

6.2.7 It is highly recommended that all offerors submit all Source Approval Requests (SARs) in a binder to preclude the loss of contractor data in handling. A hard or semi-hard cover notebook form (i.e. a three-ring binder or similar product), with a table of contents and tabs corresponding to the table of contents is preferable. This will significantly reduce the turn-around time for engineering evaluation as well as reduce the likelihood of oversight or loss of valuable data which could have a significant bearing on the outcome of the evaluation.

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6.3 Category I Offerors:

6.3.1 A complete set of legible drawings for all assemblies, details, and sub-components for the same item.

6.3.2 A complete set of all specifications for all material and manufacturing processes identified on the drawings for the same part and subcomponents thereof. The offeror may submit the top page of each specification showing the revision or DCMC certification in lieu of providing the specifications in their entirety.

6.3.3 Substantiation of possession of material structure acceptance/rejection criteria referenced on drawings, material specifications, and in process specifications. This data is not available in the Government repository.

6.3.4 A copy of the manufacturing process sheets employed in the production of the same item for the OEM, which define all critical process parameters. Summary of manufacturing operations sheets, travelers, or routing sheets are not acceptable in lieu of manufacturing process sheets, except for some sheet metal components. In the case of the latter routing sheets, which define process sequence, forming tooling, non-conventional machining schedules, weld schedules, and braze schedules shall be provided. All schedules and technical control documents referenced in the manufacturing process sheets which specify process operating parameters shall be included. In all cases where an operation is governed by software i.e., numerically controlled or automated operations a hard copy excerpt identifying manufacturing process operating parameters must be provided. Manufacturing process sheets shall remain confidential and may be stamped "proprietary" at the discretion of the offeror. Failure to provide detailed process sheets shall constitute grounds for disapproval.

6.3.5 Copies of purchase orders from OEM to offerors for the same item which define quantities ordered and all technical conditions or restrictions imposed by the OEM. Copies of the most recent shipping documents applicable to the purchase order should also be provided. Shipping documents shall be stamped appropriately by the OEM to indicate full release where on-site acceptance is specified by the purchase order.

6.3.6 A summary of quality deficiencies experienced in manufacturing the part for which approval is sought, during the last two years of production. The summary shall include but not be limited to all Material Review Board (MRB) actions, Quality Deficiency Reports (QDRs), Laboratory Quality Review Orders (LQROs), Supplier Report of Nonconformance (SRONs), Material Deficiency Reports (MDRs) and any other pertinent documentation as well as the coordination of the President and the Quality Assurance Manager. Coordination of the government quality assurance representative shall be included as well if government source inspection was conducted. Actions taken to resolve deficiencies identified including repair, rework or replacement of parts as well as the source primarily responsible for initiating, developing, and implementing corrective actions and the status thereof must also be provided.

6.3.7 Identification of all proposed changes to the manufacturing process sheets submitted by offerors as proof of capability. This requirement applies regardless of whether they are considered to be significant changes by the offeror.

6.3.8 Copy of inspection method sheets used in manufacturing and final inspection, which as a minimum defines all characteristics inspected, characteristic location on the blueprint, and the instrumentation used in the inspection. The inspection method sheets shall provide a means of a 100% inspection on each part produced unless otherwise allowed by an approved sampling or statistical process control plan, which must be provided.

6.3.9 A specific description of value added by the OEM to the same item including but not limited to performance of manufacturing processes or inspections, supply of raw material, forgings, castings, or subcomponents, quality assurance surveillance of subvendors of significant processes, use of OEM tooling, fixtures, gages, or inspection master hardware, and use of OEM manufacturing process sheets or other process related data not referenced on component drawings. The Offeror shall demonstrate capability to fulfill "value added" by the OEM on the same item as determined by the cognizant engineering activity for the weapon system.

6.4 Category II Offerors:

6.4.1 A complete set of legible drawings for all assemblies, details, and sub-components for the same item and the similar item. ESA will determine similarity acceptability.

6.4.2 A complete set of all specifications for all material and manufacturing processes identified on the drawings for the similar parts and subcomponents thereof.

6.4.3 A top copy of the cover sheet for all material manufacturing processes identified by the drawings for the same parts and subcomponents thereof. Will include specification number, revision and date.

6.4.4 Substantiation of possession of material structure acceptance/rejection criteria referenced on drawings, material specifications, and in process specifications. This data is not available in the Government repository.

6.4.5 A copy of the manufacturing process sheets employed in the production of the similar item for the OEM or DOD, which define all critical process parameters. Summary of manufacturing operations sheets, travelers, or routing sheets are not acceptable in lieu of manufacturing process sheets, except for some sheet metal components. In the case of the latter routing sheets that define process sequence, forming tooling, non-conventional machining schedules, weld schedules, and braze schedules shall be provided. All schedules and technical control documents referenced in the manufacturing process sheets which specify process operating parameters shall be included. In all cases where an operation is governed by software i.e., numerically controlled or automated operations a hard copy excerpt identifying manufacturing process operating parameters must be provided. Manufacturing process sheets shall remain confidential and may be stamped "proprietary" at the discretion of the offeror. Failure to provide detailed process sheets shall constitute grounds for disapproval.

6.4.6 Identification of all manufacturing operations to be employed in the production of the item for which the offeror is seeking approval, including the specific sequence in which the operations will be performed.

6.4.7 Copies of purchase orders from OEM to offerors for the similar item which define quantities ordered and all technical conditions or restrictions imposed by the OEM. Copies of the most recent shipping documents applicable to the purchase order should also be provided. Shipping documents shall be stamped appropriately by the OEM to indicate full release where on-site acceptance is specified by the purchase order. In addition, if the approval item or the similar item was manufactured for P&W, the P&W Requirements Control Card and Quality Assurance Document should be provided, or document possession thereof. Also, if similar items were produced for the government, copies of the signed DD Form 250 showing government acceptance of parts produced should be included, as well as a copy of the contract.

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6.4.8 Identification of the specific differences between the similar items and the item for which the company is seeking approval to manufacture.

6.4.9 A summary of quality deficiencies experienced in manufacturing the similar part(s) during the last two years of production. The summary shall include but not be limited to all Material Review Board (MRB) actions, Quality Deficiency Reports (QDRs), Laboratory Quality Review Orders (Liquors), Supplier Report of Nonconformance (SRONs), Material Deficiency Reports (MDRs) and any other pertinent documentation as well as the coordination of the President and the Quality Assurance Manager. Coordination of the government quality assurance representative shall be included as well if government source inspection was conducted. Actions taken to resolve deficiencies identified including repair, rework or replacement of parts as well as the source primarily responsible for initiating, developing, and implementing corrective actions and the status thereof must also be provided.

6.4.10 Copy of inspection method sheets used in manufacturing and final inspection of the similar item, which as a minimum define all characteristics inspected, characteristic location on the blueprint, and the instrumentation used in the inspection. The inspection method sheets shall provide a means of 100% inspection on each part produced unless otherwise allowed by an approved sampling or statistical process control plan that must be provided.

6.4.11 A specific description of value added by the OEM or DOD to the similar part(s) including but not limited to performance of manufacturing processes or inspections, supply of raw material, forgings, castings, or subcomponents, quality assurance surveillance of subvendors of significant processes, use of OEM or DOD tooling, fixtures, gages, or inspection master hardware, use of OEM/DOD manufacturing process sheets or other process related data not referenced on component drawings. The Offeror shall demonstrate capability to fulfill "value added" by the OEM on the item for which source approval is sought, as determined by the cognizant engineering activity for the weapon system.

6.5 Non-manufacturing Sources other than surplus dealers:

6.5.1 Brochures or synopses of the company's capabilities if not previously provided. Identify if the company seeking approval is a non-manufacturing source.

6.5.2 Identify the source of manufacture and provide evidence that they are currently approved by the ESA for the approval item. Sources which have not produced the item in the last three years are subject to re-qualification, the extent of which is dependent upon the extent of process and facility changes made during that time and the vendor's quality history. In the event they are not a formally approved source an approval request shall be provided substantiating their capability in accordance with 6.3 or 6.4 of this document as applicable.

6.5.3 The Offeror shall identify all sources to be used by the manufacturer for critical processes as defined in paragraph 3 of this document, including themselves, and substantiate that they are currently approved by the ESA or the OEM per 6.2.3 of this document.

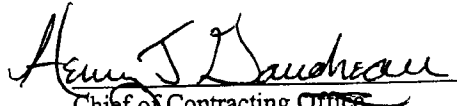
6.5.4 The Offeror shall provide identification of all manufacturing operations to be employed in the manufacture of the item, including the operation sequence.

6.5.5 The quality of the end item provided to the Government is the responsibility of the Offeror and the Offeror shall demonstrate the capability to provide the necessary quality assurance surveillance to insure the ongoing integrity of the end product in accordance with the requirements of paragraph 6.2.6 of this document.

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7. **ON-SITE VISIT:** Critical processes may require on-site verification at the discretion of the ESA.
8. **LOSS OF QUALIFICATION APPROVAL (FAR 9.207):** The offeror should be aware that qualification approval may be lost per the conditions detailed in FAR 9.207.


Chief of Contracting Office
HENRY J GAUDREAU, Col, USAF
Chief, Propulsion Contracting Division
Directorate of Propulsion